

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, April 2019**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>355</b>	<b>47</b>	<b>0</b>	<b>3,930</b>	<b>68,470</b>	<b>6,770</b>	<b>6,257</b>	<b>1,965</b>	<b>29,793</b>
<b>Petroleum Products</b> .....	<b>17,813</b>	<b>273</b>	<b>0</b>	<b>18,289</b>	<b>39,155</b>	<b>7,773</b>	<b>5,529</b>	<b>97,266</b>	<b>20,732</b>
<b>Natural Gas Liquids</b> .....	<b>7,884</b>	<b>253</b>	<b>0</b>	<b>3,210</b>	<b>28,431</b>	<b>4,277</b>	<b>564</b>	<b>997</b>	<b>6,402</b>
Ethane .....	5,940	0	—	0	12,753	650	—	0	872
Propane .....	1,032	112	0	2,628	9,475	1,994	355	980	745
Normal Butane .....	336	130	0	395	3,113	870	164	13	259
Isobutane .....	356	11	0	187	1,102	317	45	4	370
Natural Gasoline .....	220	0	—	0	1,988	446	—	0	4,156
Refinery Olefins .....	0	0	—	297	310	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	297	310	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	30	0	—	0	404	—	—	0	400
Motor Gasoline Blending Components .....	6,693	0	0	1,385	1,647	1,169	0	49,919	7,326
Reformulated - RBOB .....	0	0	0	106	164	—	0	6,136	2,663
Conventional .....	6,693	0	0	1,279	1,483	1,169	0	43,783	4,663
CBOB .....	6,693	0	0	1,279	1,372	1,169	0	43,746	3,774
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	111	—	—	37	889
Renewable Fuels .....	0	0	0	10,616	5,861	490	4,699	377	0
Fuel Ethanol .....	0	0	0	10,410	5,519	435	4,444	377	0
Renewable Diesel Fuel <sup>2</sup> .....	0	0	0	207	343	54	255	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	111	0	0	306	227	319	0	5,306	975
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	111	0	0	306	227	319	0	5,306	975
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	111	0	0	306	227	319	0	5,306	975
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	98	10
Kerosene-Type Jet Fuel .....	316	0	0	156	0	848	0	15,286	1,661
Kerosene .....	—	0	—	0	0	—	—	92	—
Distillate Fuel Oil .....	2,694	0	0	1,079	831	650	0	24,270	3,600
15 ppm sulfur and under .....	2,694	0	0	1,079	831	650	0	22,596	3,507
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	93
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	1,673	—
Residual Fuel Oil .....	0	0	—	—	571	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	—	122	—	—	—	20
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	98	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	0	0	—	—	24	—	—	—	20
Special Naphthas .....	0	0	—	—	0	—	—	—	39
Lubricants .....	0	0	—	20	0	—	—	500	145
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	739	366	0	0	0	0
Asphalt and Road Oil .....	85	20	0	481	385	20	266	421	151
Miscellaneous Products .....	0	0	—	—	0	—	—	—	3
<b>Total</b> .....	<b>18,168</b>	<b>320</b>	<b>0</b>	<b>22,219</b>	<b>107,625</b>	<b>14,543</b>	<b>11,786</b>	<b>99,231</b>	<b>50,525</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, April 2019**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	0	257	0	23,931	874	0	0	0	0
<b>Petroleum Products</b> .....	0	5,211	0	12,865	4,411	2,288	0	24	25
<b>Natural Gas Liquids</b> .....	0	12	0	12,004	3,963	168	0	0	0
Ethane .....	0	—	0	2,868	1,584	—	0	0	0
Propane .....	0	0	0	4,832	1,122	96	0	0	0
Normal Butane .....	0	8	0	2,038	374	52	0	0	0
Isobutane .....	0	4	0	853	314	20	0	0	0
Natural Gasoline .....	0	—	0	1,413	569	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,520	0	121	0	841	0	0	0
Reformulated - RBOB .....	—	2,377	0	0	0	0	0	0	—
Conventional .....	0	1,143	0	121	0	841	0	0	0
CBOB .....	0	1,143	0	121	0	841	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	0	—	0	0	—
Renewable Fuels .....	0	684	0	0	0	27	0	24	0
Fuel Ethanol .....	0	331	0	0	0	27	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	352	0	0	0	0	0	24	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	144	0	638	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	144	0	638	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	144	0	638	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	274	0	12	0	30	0	0	0
Kerosene .....	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil .....	0	641	0	275	0	341	0	0	0
15 ppm sulfur and under .....	0	641	0	275	0	341	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	—	0	0	0	—	0	0	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	92	114	114	0	0	25
Asphalt and Road Oil .....	0	80	0	218	333	128	0	0	0
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	0	5,468	0	36,796	5,285	2,288	0	24	25

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.